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(74) Agent: SHADE, Matthew; Cambridge Display Technology Limited, Greenwich House, Madingley Rise, Madingley Road, Cambridge, Cambridgeshire CB3 0TX (GB).

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(71) Applicant (for all designated States except US): CAMBRIDGE DISPLAY TECHNOLOGY LIMITED [GB/GB]; IP Department, Greenwich House, Madingley Road, Madingley Rise, Cambridge, Cambridgeshire CB3 0TX (GB).

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(72) Inventors; and

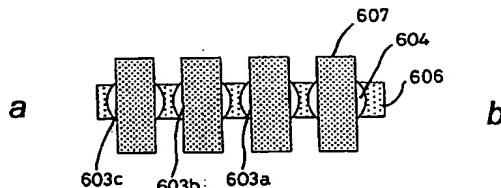
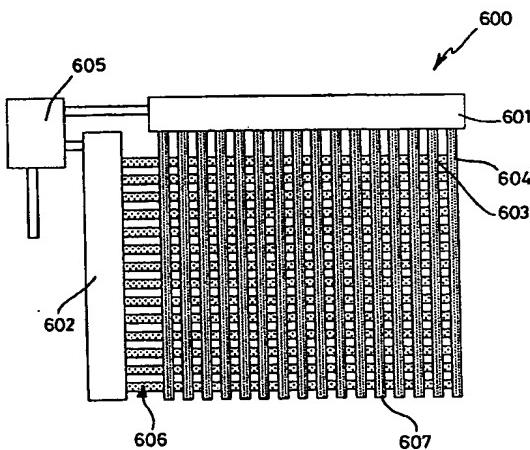
(75) Inventors/Applicants (for US only): HALLS, Jonathan [GB/GB]; Cambridge Display Technology Limited, Greenwich House, Madingley Rise, Madingley Road, Cambridge, Cambridgeshire CB3 0TX (GB). SHADE, Matthew [GB/GB]; Cambridge Display Technology Limited, Greenwich House, Madingley Rise, Madingley Road, Cambridge, Cambridgeshire CB3 0TX (GB).

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(54) Title: COMBINED INFORMATION DISPLAY AND INFORMATION INPUT DEVICE



(57) Abstract: A combined information display and information input device comprising a matrix of independently addressable light emitting devices and a plurality of light sensing devices, the light emitting devices comprising organic light emitting diodes comprising organic light emitting material positioned between a low work function electrode and a high work function electrode characterised in that the light sensing devices comprise organic photovoltaic devices comprising at least an organic electron donor and at least an organic electron acceptor positioned between a high work function electrode and a low work function electrode. The combined information display and information input device has application as a touch screen, for example for a mobile communication device.

WO 2004/006350 A3



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# INTERNATIONAL SEARCH REPORT

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**A. CLASSIFICATION OF SUBJECT MATTER**  
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**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, INSPEC, PAJ

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/079512 A1 (KOYAMA JUN ET AL) 27 June 2002 (2002-06-27)	1,2,4,7, 8,11,12, 18,20, 21,25, 27-48
Y	figures 4,4 paragraph '0034! - paragraph '0048!  paragraph '0228! - paragraph '0232! paragraph '0372! - paragraph '0388! ---	3,5,6,9, 10, 13-15, 22-24, 49-53

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl.  
Fax: (+31-70) 340-3016

Authorized officer

Visscher, E

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